

SIMPLIFIED JAVASCRIPT PIPELINE

- ▶ Downloading JavaScript sources
- ▶ Parsing to AST
- ▶ Baseline compiler (simple optimizations)
- ▶ Optimizing compiler (aggressive speculative optimizations)
- ▶ JS engine backend
- ▶ Executing machine code

SIMPLIFIED WEBASSEMBLY PIPELINE

- ▶ Downloading ~~JavaScript sources~~ wasm binaries
- ▶ Parsing and validation
- ▶ ~~Baseline compiler (simple optimizations)~~
- ▶ ~~Optimizing compiler (aggressive speculative optimizations)~~
- ▶ AOT compiler
- ▶ JS engine backend
- ▶ Executing machine code